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Via Overnight Courier

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US Environmental Protection Agency
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Attention: TSCA Section 8(e) Coordinator



2013 APR 18 AM 11:07

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Draft Final Report of an *In Vitro* Chromosome Aberration Assay in cultured human lymphocytes using m-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl) aniline, CAS# 71604-74-5.

The European office of the Huntsman Advanced Materials Division (Huntsman) has received a draft final report from an *In Vitro* Chromosome Aberration Assay using m-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl)aniline, CAS# 71604-74-5. This study was conducted using a standard OECD 473 protocol: "In Vitro Mammalian Chromosome Aberration Test" and was conducted at WIL Research Europe B.V. in the Netherlands. The results of this genetic toxicity study indicate that this substance is considered to be clastogenic in this cell culture system, both in the presence and absence of an S-9 metabolic activation system. While the information was obtained from a draft report, the final report is not expected to be substantially different from this report with regard to the conclusions of the study.

Huntsman is submitting this information pursuant to Section 8(e) of the Toxic Substances Control Act (TSCA). Huntsman has not made a determination as to whether a significant risk of injury to human health or the environment is actually presented by these findings.

These study data can be summarized as follows:

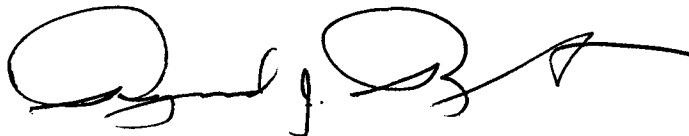
- Both in the presence and absence of an S-9 metabolic activation system, m-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl) aniline induced statistically significant, dose-dependent increases in the number of cells with chromosome aberrations in two independent experiments.
- There were no effects of m-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl) aniline on the number of polyploid cells or the number of cells with endoreduplicated chromosomes either in the presence or absence of an S-9 metabolic activation system. It can be concluded that this substance does not affect mitotic processes and cell cycle progression and does not induce numerical chromosome aberrations under the conditions of this study.

CONTAINS NO CBI

- This study met the laboratory's criteria for a positive (clastogenic) response in both of the two independent experiments. This study also met the laboratory's criteria for an acceptable study.

As always, if I can provide any additional information on the above study, please call me at (281) 719-3017, or contact me via e-mail at: Ray_Papciak@Huntsman.com.

Regards,

A handwritten signature in black ink, appearing to read 'Ray J. Papciak', followed by a long horizontal flourish.

Raymond J. Papciak
Manager, Product Safety

From: (281) 719-3028
 Maryanni DeMaria
 Huntsman Corporation
 8600 Gosling Road

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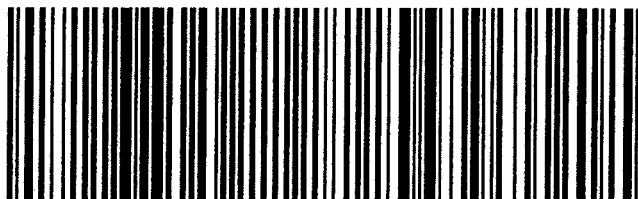
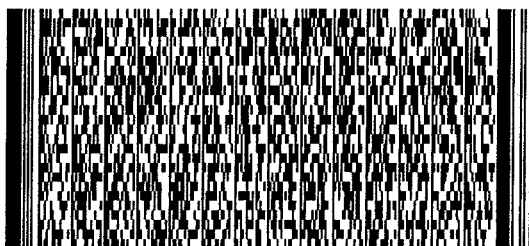
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